

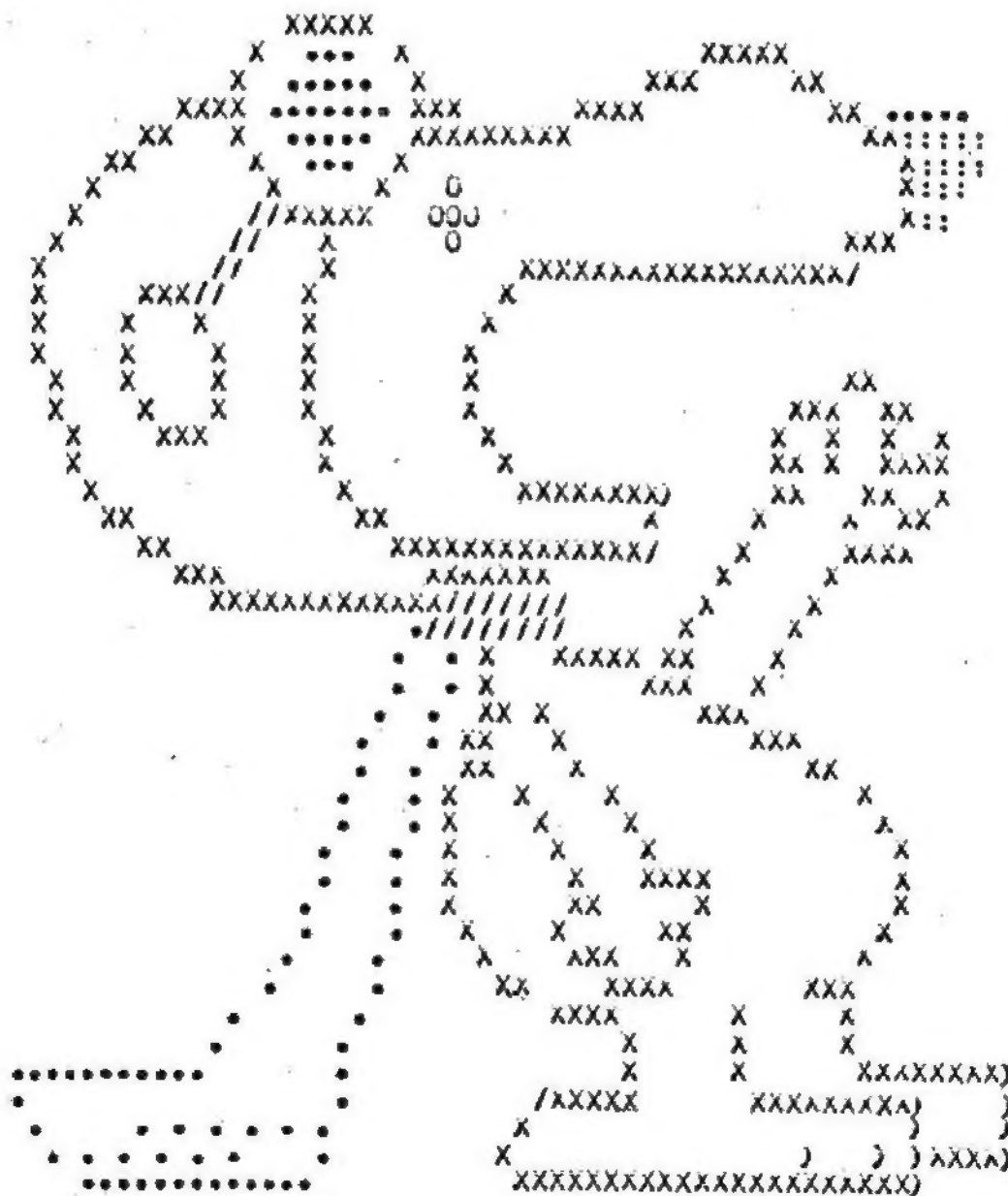


ORANGE COUNTY AMATEUR RADIO CLUB

VOL XVII NO. 1

P.O. BOX 95, ORANGE, CALIF. 92668

JANUARY 1976



SG1JLZ

-- 1976 CLUB OFFICERS --

PRESIDENT	MARTIN RAYMOND	WB6PEX	532-4090
VICE PRESIDENT	FRIED HEYN	WA6WZO	549-8516
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ACTIVITIES	KEN KONECHY	W6HHC	541-6249
MEMBERSHIP	KEI YAMACHIKA	W6NGO	538-8942
PUBLICITY	BOB ECKWEILER	WB6QNU	639-5074
TVI	HAROLD RICHARDS	WA6BJO	544-0083
M.A.L.	ART SHELTON	WA6LHB	832-9676
	ERNIE FUERTE	WA6GXV	838-7017

EDITOR	BOB MALLER	WB6AJV	832-6170
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Meeting: Third Friday of each month at Mercury Savings and Loan, 1095 Irvine Blvd, Tustin, CA at 7:30 pm.

Nets: Wednesday, 7:00 pm. 21.175 MHz CW, and 8:00 pm. 21.375 MHz, SSB. All stations are welcome to check in.

Breakfast: First Saturday of each month, 8:30 at Barnabys Coffee Shop, 144 S. Tustin Ave, Orange, CA (So. of Chapman).

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CALLBOOK SERVICE

The club has copies of the latest U.S. and foreign callbooks which are available at each meeting. Also you can contact Ken Konechy - W6HHC at home (541-6249) on Monday and Friday evenings between 7PM and 9 PM if you need addresses. If you have more than one call for Ken to check, he'll get them all and call you back the same night. Also, you can usually catch Ken on the air after the Wednesday evening club net.

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THIS MONTH'S MEETING:

The January meeting will feature a discussion of RTTY. Steve Phillips (WA6TVA) secretary of the Orange Section and by profession a computer systems analyst, will give the talk. This will be the same talk that he gave at the Ventura ARRL convention.

Anyone who has aspired to an Extra class ticket will remember studying about frequency shift keying. At the January meeting you will learn about it and how it applies to RTTY as well as other aspects of this fascinating form of communication available to Radio Amateurs.

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Radio Amateurs do it 'til it Hertz.

1.
2.
3.

Submitted courtesy of: Henry Bormann W6POR

Representative Vanek has a bill before the House Sub Committee on Communications. This bill, HR 7052 would give the FCC the power to set susceptibility standards in all home entertainment products to RFI. Write your congressman and support it.

Reported local and state police crack downs on the improper use of CB is said to be on poor legal grounds, as CB is only answerable to the FCC.

280,000 CB license applications received by the FCC in October 1975. Hams now have new bands. 48 to 50 GHz, 71 to 76 GHz, and 240 to 250 GHz. GHz, not MHz. (1 GHz = 1000 MHz).

FCC passed Docket 20113. Repeater crossbanding now legal. ARRL's Lew Mc Coy has proposed a plan to have all applicants of repeater stations and remote base systems get the OK of the local REPEATER COUNCIL or FREQUENCY COORDINATOR. This plan has seen poor acceptance by hams. Voluntary co-operation and self policing are upheld as the way to settle problems.

The Canadian government has gone after spark type RFI. As of 1 Sept. 1976 severe limitations will be imposed on all spark type engines except aircraft engines. It is expected that this attack on noise will soon be after other sources such as power lines and electric motors.

The FCC is considering establishing standards for equipment to be tied directly to phone lines without Ma Bells little coupling devices. This means ham phone patch equipment could be certified as acceptable and allowed to be tied to land lines directly.

The FCC has done away with most of the paperwork in filing a license application for a repeater station. All you have to send in now is the form 610, -a statement if the proposed repeater will be remotely controlled or not. You must however keep all the prescribed technical data that used to be required in your log. After processing over 2000 repeater applications, the FCC said the hams know what they are doing. Effective Oct. 14th, the FCC will accept 1 original and 11 copies of a comment on a docket instead of 1 and 14 as in the past.

WOPMN is looking for long haul 2 meter contacts to study propagation.

The FCC is looking into many pay as you go repeater clubs. It seems many club policies are too close to, or are violating the rule 97.112, "No remuneration for station use".

FCC is thinking of INSTANT LICENSE, or INSTANT UPGRADE. You take your test. You pass. You get your license or authorization to operate in new band segments at the examining office immediately.

FCC also says that because such a large amount of comment has been received on Docket 20282, they are going to postpone action till spring '76 at the earliest.

National Announces Ultimate Solid-State Device

With the humility that is characteristic of all its announcements, National Semiconductor Corporation on April 1 gathered the Washington press corps in the Capitol Rotunda, struck up the Marine Corps Band, and unveiled an incredible new solid-state device that is the ultimate fruition of years of research. Present for the festivities were Fred Flam, Marketing Director, and Drs. Poisson d'arvil, Ottmar Heissluft, and Manual Calienteaires, the scientists who carefully studied the phenomenon on which the device is based. The device, they said, is called a Microprocrastinator, which is essentially a Procrastitron-on-a-chip. It is a solid-state replacement for the Amnesia that was developed in the late 60's by Agnew Memory Systems. "We were first alerted to the Principle of Semiconductor Procrast. (PSP) by a competitor's paper given at the Solid-State Circuits Conference in Philadelphia four years ago," Dr. d'Arvil said. "The speaker at the conference revealed that a large staff at Frenetics Corporation was making an all-out effort to develop a working model of the concept of procrastination. Since we at National have never experienced this effect, we decided to look into it and possibly develop a commercial product around the principles involved. We applied the little-known TPR--Theory of Positive Retrogression-- to the time-constants of solid-state circuits and found that we could delay anything for as long as we liked. Ultimately, we developed a single-chip Microprocrastinator."

In operation, the Microprocrastinator offers positive and negative indefinite delays, both of which are infinitely adjustable. In its positive delay mode (P+), the Microprocrastinator can be used routinely by those who have been unable to delay their decisions adequately. In the negative delay mode (P-), the operator can turn time inside out. He or she can start an oscilloscope company in 1948 and name it Tektronix, move a seismographic company into the semiconductor business and call it Texas Instruments, found a test-equipment company in 1939 and name it Hewlett-Packard, or decide in 1971 not to add capacity to a semiconductor company. The possibilities are limitless. "Since we can not make use of the Microprocrastinator ourselves at National," Mr. Flam said, "we decided to market its sizzle in a pretty package." He paused to demonstrate a NOVUS calculator to Henry Kissinger, and then continued. "The Microprocrastinator should prove valuable to every executive in every office-- in legislature, the military, the executive branch, and in private industry-- because it allows its operator to delay any and all decisions indefinitely. We think that we now have the RURP." The term, he explained, stands for "Realized Ultimate-Reality Product." The company, he concluded, is looking ahead to a fantastically successful past for the Microprocrastinator.

From HAMLETTER, May, 1975

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"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

JAN. 1976

SANDI'S CORNER

Hope you all made your new year resolutions and are busy keeping them.

WB5???/6 and WB6QNU missed a biggie at the Xmas party.

Congratulations are in order for Ron (WA6FIT) and Mary Ann (WN6???) who said the marriage vows at a nice quiet wedding December 20, 1975. Mary Ann is waiting for her novice license, hope to hear you on the left foot net soon.

On behalf of the club I would like to wish a very speedy recovery to Jerri (WA6QFO) and also to Ken (W6HHC) whose stay at the hospital didn't keep him completely off the net.

Bob, (WB6AJV) has been very busy, he ended 1975 by passing his advanced license. Hope to hear you in the lower part of 20 meters working all the DX. He also sent away for his WAS and 10-10 number.

Congratulations to Ozzie (WB6FEW) who got his advanced ticket shortly before Xmas.

Kei (W6NGO) has another house guest. It's like if Kei isn't in Japan visiting then Japan is over here. Hi Hi.

Good luck to Don (W6OUE). I heard you got the hole dug and the frame welded; just about ready for the antenna raising.

Roses are Red, Violets are blue, have you read your RF all the way through?????

Sandi, WA6WZN

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Some or all of the prizes at the meetings are provided through the courtesy of the stores listed below. Your patronage is encouraged to maintain their generosity.



(714) 997-5343

GREG ELMASSIAN

J.C. ELECTRONIC SUPPLY

STATE OF THE ART FOR: R&D - INDUSTRY - EXPERIMENTER
619 W. KATELLA AVE., ORANGE, CALIFORNIA 92667

931 North Euclid Avenue, Anaheim, California 92801

Wall Henry, Sr. W6ZN
931 N. Euclid Ave.
Anaheim, California 92801
(714) 772-9200 / (213) 430-7997

Henry Radio

714/772-9200 - 213/430-7997

BICENTENNIAL CALLSIGNS

BICENTENNIAL CALLSIGN SCHEME is shown below, and all FCC-licensed amateurs can have some fun with it in 1976 if they're so inclined. Stateside alternate prefixes are straight forward, with WA becoming AA, W changing to AC, and even repeaters getting an optional AF.

Outside the contiguous U.S. is where the fun really begins, with Samoa becoming AH3 and an Alaskan novice an AL1.

Use of the alternate prefixes is entirely optional and no paperwork will be required. Just remember they don't go into effect until 0500Z January 1, 1976 and are good until January 1, 1977.

The following exchanges would be allowed:

WA-AA; WB-AB; W-AC; K-AD; WD-AE; WR-AF; WN-AK;
 KB6-AG2; KC4-AI4; KG6-AG6; KH6-AH6; KJ6-AL7; KL7-AL7; KM6-AH7;
 KP4-AJ4; KP6-AIO; KS4-AH4; KS6-AH3; KV4-AJ3; KW6-AG7;

Novices:

WB6-AG3; WG6-AG5; WH6-AH1; WJ6-AJ1; WL7-AL1;
 WI6-AH2; WP4-AJ8; WS6-AH5; WV4-AJ2; WW6-AG1;

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 QST DE WIAW

HR OFFICIAL BULLETIN NR 567 FROM ARRL HEADQUARTERS

NEWINGTON CT DECEMBER 18/ 1975

TO ALL RADIO AMATEURS BT

ATTENTION DXERS. ANNOUNCEMENT IS HEREBY MADE OF TWO ADDITIONS TO THE ARRL COUNTRIES LIST/ SABLE ISLAND/ VX9/ AND ST. PAUL ISLAND/ VYO. THE ADDITION OF SABLE ISLAND IS BASED ON POINT 1 OF THE CRITERIA USED FOR COUNTRIES LIST ADDITIONS 2A DISTINCTIVELY SEPARATE ADMINISTRATION./ AND ST. PAUL ISLAND BY REASON OF POINT 3 SEPARATION BY FOREIGN LAND. CONTACTS MADE AFTER NOVEMBER 15/ 1945/ WITH EITHER SABLE ISLAND OR ST. PAUL ISLAND/ MAY BE SUBMITTED FOR DXCC CREDITS STARTING FEBRUARY 1/ 1976. NO DXCC CREDITS WILL BE GIVEN FOR ANY OPERATIONS FROM SABLE ISLAND OR ST. PAUL ISLAND UNTIL IT HAS BEEN ESTABLISHED THAT LANDING AID OPERATION FROM THOSE ISLANDS WAS DONE UNDER SPECIFIC PERMISSION FROM THE PROPER AUTHORITY. AR

QST DE WIAW

HR WIAW PROPAGATION FORECAST BULLETIN NR 284

JANUARY 5/ 1976

TO ALL RADIO AMATEURS BT

THE LATEST FORECAST PREDICTS QUIET CONDITIONS FOR SEVERAL WEEKS. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW AND MAXIMUM USABLE FREQUENCIES NEAR SEASONAL NORMALS. SOLAR ACTIVITY INDICES FOR JANUARY/ FEBRUARY AND MARCH ARE 13 12 AND 12 RESPECTIVELY. AR

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 Electronics classes of interest to radio amateurs are being offered in the spring semester at Santa Ana College. Some of the courses offered concern electronic theory and F.C.C. license. If interested, contact the college at (714) 835-3000.

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

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FOR SALE CORNER . . .

Drake station - mint

Drake R4C + CW filter

Drake TX4C + blanker

Drake ACC + 160 Meter & 10 Meter XTL sets

Drake MSC (less than one year old) + 2 WWV XTLS

Contact: WB6PMU Rich Gehle
714-532-4876

WANTED: Old Radio Books and/or electronics books, magazines etc.
for use in Santa Ana College electronics classes.

Contact Henry Borman W6POR (543-7300) or
Anthony Rodgers at SA College (835-3000).

Puzzle Answers (from page 3):

- a. SERIES AND PARALLEL RESISTANCES
- b. IMPEDANCE
- c. TRANSISTORS

ORANGE COUNTY AMATEUR RADIO CLUB, INC.
POST OFFICE BOX 95
ORANGE, CALIFORNIA 92668

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FIRST CLASS MAIL !!!

DATED MATERIAL !!!